CUMULATIVE INDEXES

CONTRIBUTING AUTHORS, VOLUMES 1–2

A

Al-Awqati, Q., 2:179–99
Anderson, R. G. W., 1:1–39

B

Beckwith, J., 2:315–36
Bourne, H. R., 2:391–419
Brinkley, B. R., 1:145–72
Brown, M. S., 1:1–39

C

Chaponnier, C., 1:353–402

D

Dingwall, C., 2:367–90
Dreyfuss, G., 2:459–98
Duband, J. L., 1:91–113

E

Edelman, G. M., 2:81–116
Ekblom, P., 2:27–47
Ezzell, R., 1:353–402

F

Farquhar, M. G., 1:447–88
Finer-Moore, J., 1:317–51
Fujiki, Y., 1:489–530
Fuller, S., 1:243–88

G

Garoff, H., 1:403–45
Gerhart, J., 2:201–29
Goldstein, J. L., 1:1–39

H

Hartwig, J. H., 1:353–402
Hynes, R. O., 1:67–90

J

Janmey, P., 1:353–402

K

Keller, R., 2:201–29
Kemler, R., 2:27–47
Kikkawa, U., 2:149–78
Kupfer, A., 2:337–65
Kwiatkowski, D., 1:353–402

L

Laskey, R. A., 2:367–90
Lazarow, P. B., 1:489–530
Lee, C., 2:315–36
Lefebvre, P. A., 2:517–46
Lind, S., 1:353–402
Lingappa, V. R., 2:499–516

M

MacDonald, H. R., 2:231–53
Marchesi, V. T., 1:531–61
Mooseker, M. S., 1:209–41
Murray, A., 1:289–315

N

Nabholz, M., 2:231–53
Nishizuka, Y., 2:149–78

O

O'Farrell, P. H., 2:49–80
Olmsted, J. B., 2:421–57

P

Parry, D. A. D., 1:41–65
Pederson, D. S., 2:117–47

R

Rosenbaum, J., 2:517–46
Russell, D. W., 1:1–39

S

Schekman, R., 1:115–43
Schneider, W. J., 1:1–39
Scott, M. P., 2:49–80
Semenza, G., 2:255–313
Shapiro, L., 1:173–207
Simons, K., 1:243–88
Simpson, R. T., 2:117–47
Singer, S. J., 2:337–65
Smith, D., 1:353–402
Southwick, F. S., 1:353–402
Steinert, P. M., 1:41–65
Stossel, T. P., 1:353–402
Stroud, R. M., 1:317–51
Stryer, L., 2:391–419
Szostak, J. W., 1:289–315

T

Thiery, J., 1:91–113
Thoma, F., 2:117–47
Trimmer, J. S., 2:1–26
Tucker, G. C., 1:91–113

V

Vacquier, V. D., 2:1–26
Vestweber, D., 2:27–47

W

Walter, P., 2:499–516

Y

Yin, H. L., 1:353–402

Z

Zaner, K. S., 1:353–402

CHAPTER TITLES, VOLUMES 1–2

CELL-EXTRACELLULAR MATRIX INTERACTIONS
Cell-Matrix Interactions and Cell Adhesion During Development — Peter Ekblom, Dietmar Vestweber, and Rolf Kemler — 2:27–47

CELLULAR IMMUNOLOGY
T-Cell Activation — H. Robson MacDonald and Markus Nabholz — 2:231–53

CENTRIOLES
Microtubule Organizing Centers — B. R. Brinkley — 1:145–72

CHROMATIN
Core Particle, Fiber, and Transcriptionally Active Chromatin Structure — D. S. Pederson, F. Thoma, and R. T. Simpson — 2:117–47

CHROMOSOMES
Chromosome Segregation in Mitosis and Meiosis — Andrew W. Murray and Jack W. Szostak — 1:289–315

CILIA AND FLAGELLA
Regulation of the Synthesis and Assembly of Ciliary and Flagellar Proteins During Regeneration — Paul A. Lefebvre and Joel L. Rosenbaum — 2:517–46

CONTRACTILE ASSEMBLIES
Organization, Chemistry, and Assembly of the Cytoskeletal Apparatus of the Intestinal Brush Border — Mark S. Mooseker — 1:209–41
Nonmuscle Actin-Binding Proteins — T. P. Stossel, C. Chaponnier, R. M. Ezzell, J. H. Hartwig, P. A. Janmey, D. J. Kwiatkowski, S. E. Lind, D. B. Smith, F. S. Southwick, H. L. Yin, and K. S. Zaner — 1:353–402
The Directed Migration of Eukaryotic Cells — S. J. Singer and Abraham Kupfer — 2:337–65

CYTOSKELETON
Intermediate Filaments — Peter M. Steinert and David A. D. Parry — 1:41–65
Microtubule-Associated Proteins — J. B. Olmsted — 2:421–57

DEVELOPMENTAL BIOLOGY
Cell Migration in the Vertebrate Embryo — Jean Paul Thiery, Jean Loup Duband, and Gordon C. Tucker — 1:91–113
Activation of Sea Urchin Gametes — James S. Trimmer and Victor D. Vacquier — 2:1–26
Cell-Matrix Interactions and Cell Adhesion During Development — Peter Ekblom, Dietmar Vestweber, and Rolf Kemler — 2:27–47

Spatial Programming of Gene Expression in Early *Drosophila* Embryogenesis	Matthew P. Scott and Patrick H. O'Farrell	2:49–80
Cell Adhesion Molecules in the Regulation of Animal Form and Tissue Pattern	Gerald M. Edelman	2:81–116
Region-Specific Cell Activities in Amphibian Gastrulation	John Gerhart and Ray Keller	2:201–29
ENDOCYTOSIS		
Receptor-Mediated Endocytosis	Joseph L. Goldstein, Michael S. Brown, Richard G. W. Anderson, David W. Russell, and Wolfgang J. Schneider	1:1–39
EXTRACELLULAR MATRIX		
Molecular Biology of Fibronectin	Richard Hynes	1:67–90
GENES		
Structure and Function of Nuclear and Cytoplasmic Ribonucleoprotein Particles	Gideon Dreyfuss	2:459–98
INTRACELLULAR MEMBRANE SYSTEMS		
Progress in Unraveling Pathways of Golgi Traffic	Marilyn Gist Farquhar	1:447–88
PEROXISOMES		
Biogenesis of Peroxisomes	P. B. Lazarow and Y. Fujiki	1:489–530
PLASMALEMMA		
Receptor-Mediated Endocytosis	Joseph L. Goldstein, Michael S. Brown, Richard G. W. Anderson, David W. Russell, and Wolfgang J. Schneider	1:1–39
Generation of Polarity During *Caulobacter* Cell Differentiation	Lucille Shapiro	1:173–207
Cell Surface Polarity in Epithelia	Kai Simons and Stephen D. Fuller	1:243–88
Acetylcholine Receptor Structure, Function, and Evolution	Robert M. Stroud and Janet Finer-Moore	1:317–51
Stabilizing Infrastructure of Cell Membranes	V. T. Marchesi	1:531–61
The Role of Protein Kinase C in Transmembrane Signalling	Ushio Kikkawa and Yasutomi Nishizuka	2:149–78
Proton-Translocating ATPases	Qais Al-Awqati	2:179–99
Anchoring and Biosynthesis of Stalked Brush Border Membrane Proteins: Glycosidases and Peptidases of Enterocytes and Renal Tubuli	Giorgio Semenza	2:255–313
G Proteins: A Family of Signal Transducers	Lubert Stryer and Henry R. Bourne	2:391–419
PROTEIN TRAFFIC CONTROL		
Protein Localization and Membrane Traffic	Randy Schekman	1:115–43
Cell Surface Polarity in Epithelia	Kai Simons and Stephen D. Fuller	1:243–88
Using Recombinant DNA Techniques to Study Protein Targeting in the Eucaryotic Cell	Henrik Garoff	1:403–45
Biogenesis of Peroxisomes	P. B. Lazarow and Y. Fujiki	1:489–530
Cotranslational and Posttranslational Protein Translocation in Prokaryotic Systems	Catherine Lee and Jon Beckwith	2:315–36
Protein Import into the Cell Nucleus	Colin Dingwall and Ronald A. Laskey	2:367–90
Mechanism of Protein Translocation Across the Endoplasmic Reticulum Membrane	Peter Walter and Vishwanath R. Lingappa	2:499–516